



Radial insert ball bearings PE40-XL (Series PE)

cylindrical outer ring, with steel aligning ring, location by eccentric locking collar, P seals on both sides

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	40 mm	
D	90 mm	Before splitting, dimension D corresponds to tolerance class PN according to DIN 620-2
U	45,2 mm	
A	25 mm	
b	2,7 mm	Tolerance: +0,3/0 Annular slot tolerances to DIN 616 (for snap rings to DIN 5417)
B ₁	43,8 mm	
C ₁	15,4 mm	Tolerance: +0,2/0 Annular slot tolerances to DIN 616 (for snap rings to DIN 5417)
D ₁	86,8 mm	Tolerance: 0/-0,5 Annular slot tolerances to DIN 616 (for snap rings to DIN 5417)

d3 max	58 mm	
S1	32,8 mm	
m	0,88 kg	Mass
Cr	34500 N	Basic dynamic load rating, radial
Cor	19800 N	Basic static load rating, radial
f0	14	Calculation factor
Cur	1030 N	Fatigue limit load, radial
	RAE40-XL-NPP-B	Designation of bearing
	6208	Reference bearing for determining the equivalent bearing load.

